

FIGURE 2.1 (a) The change in count rate over time for radioactive decay. (b) The change in the logarithm of the count rate with time.

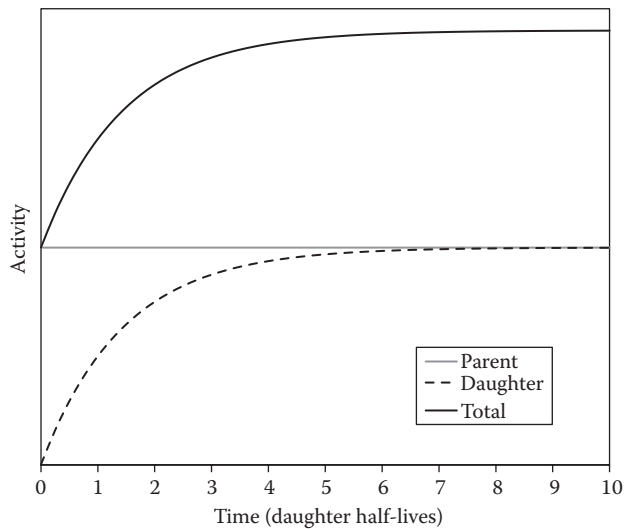


FIGURE 2.2 Secular equilibrium.

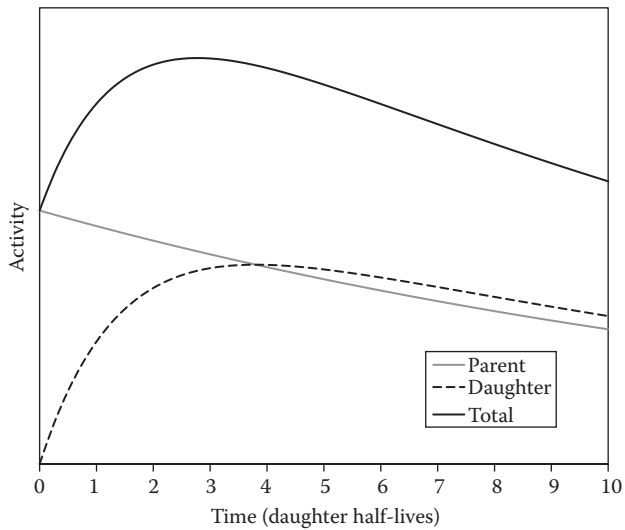


FIGURE 2.3 Transient equilibrium.

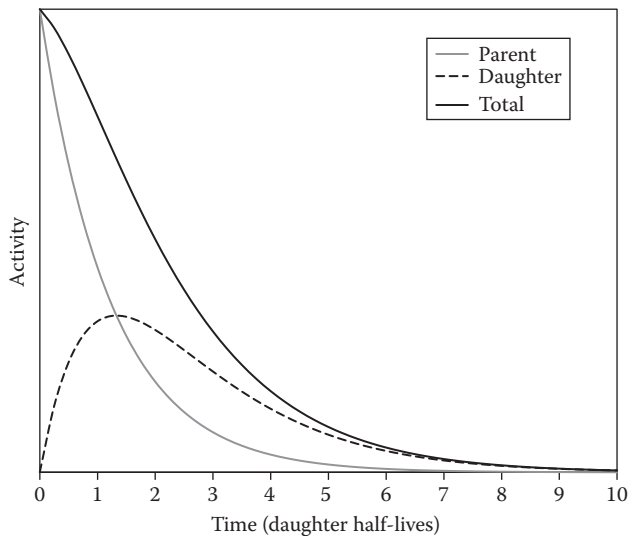


FIGURE 2.4 Equilibrium is not established when $t_{1/2A} < t_{1/2B}$.

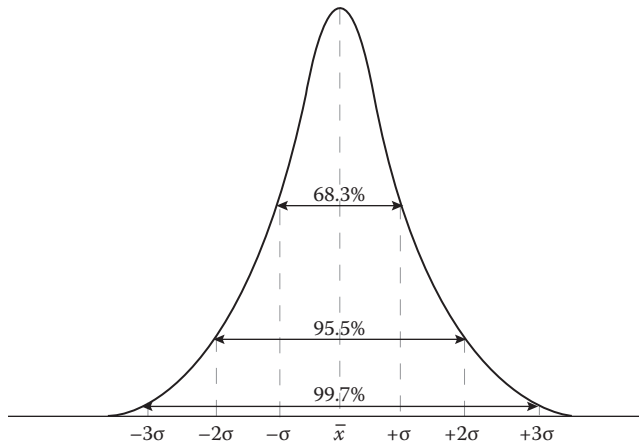


FIGURE 2.5 A Gaussian distribution.